MURRAY CITY
SINGLE FAMILY RESIDENTIAL
PLAN SUBMITTAL REQUIREMENTS

Name of Applicant_____Permit application #_____
Building Address or Lot #_____

In order to expedite your plan review, please check your plans and application to be sure the following information has been included. When each of the items have been checked by you, sign the bottom of the form and have the Building Department verify that all needed information is included. Submit the form with your application, plan review deposit, and two (2) sets of plans for Building Department review. NOTE: APPLICATIONS FOR BUILDING PERMITS CANNOT BE ACCEPTED FOR PLAN REVIEW UNTIL THE SUBMITTAL IS COMPLETE.

***COMMUNITY DEVELOPMENT APPROVAL**

___ Approval signature from Planning and Zoning

***PROJECT COMPLETION DEPOSIT**

___ Project completion deposit of $1,000.00 (refunded after final inspection approval)

***BUILDING PERMIT APPLICATION**

___ Contractor's name, phone number, address, and contractor's state license number for:
- ___ General contractor - attach copy of license
- ___ Electrical contractor - attach copy of license
- ___ Plumbing contractor - attach copy of license
- ___ Mechanical contractor - attach copy of license

___ Type of improvement/kind of construction
___ Signature of owner, contractor, or authorized agent with date signed

***SITE PLAN**

___ Drawn to scale with scale indicated (1"=20" or larger)
___ North arrow
___ Lot dimensions--all sides
___ Size and location of any easements or right-of-ways
___ Names and locations of all adjacent streets
___ Locations of proposed and existing structures
___ Setback dimensions--front, rear, and all sides
___ Outside building dimensions and distances between buildings on building site

___ Driveways, exterior stairs, landings, patios, and decks
*___ Relative elevations of top of foundation and all lot corners,
The reference datum shall be selected by one of the following:
1. The average elevation of the top back of curb abutting the lot on which the building is to be built.
2. In the absence of curb and gutter, the average elevation of the center line of the street abutting the lot on which the building is to be built.
3. Where any part of the rear lot line is more than 6 feet above the average top back of curb, the average elevation of the perimeter of the lot on which the building is being built.
___ Proximity of building to any slopes greater than 3 horizontal to 1 vertical showing steepness and height of slope
___ Location, type, and elevation of any retaining walls

BUILDING PLANS

___ Drawn to scale with scale indicated (1/4"=1' or larger)
*___ Identify options which will be used on plans and cross out any options shown on plan not to be used
___ Footing plan with all continuous and spot footing sizes, location, and reinforcement
___ Floor plan layouts and use of all rooms (include future uses)
___ Main floor
___ Second story
___ Basement (indicate portions finished or unfinished)
___ Garage/carport
___ Dimensions for overall length and width
___ Complete dimensions of all rooms, decks, porches, landings, stairs, cantilevers, bearing walls, and column locations
___ Ceiling heights all levels
___ Sizes and types of doors
___ Sizes and types of windows (showing required safety glazing)
___ Window well dimensions for emergency escape windows below grade
___ Fire separation between house and garage
___ Stairway landings, rise, run, handrail, and headroom heights for interior and exterior stairs
___ Guardrail height and pattern
___ Building elevations (exterior views)
___ Front
___ Rear
___ All sides
___ Finish grade line on all sides

___ Depth of footings below finish grade
___ Pitch of roof
___ Finish materials

___ Attic ventilation and access
___ Crawl space ventilation and access
___ Cross sections drawn SPECIFICALLY for this structure with materials to be used
___ Typical footing size, depth, and reinforcement
___ Foundation wall height, thickness, and reinforcement
___ Foundation sill and anchor bolts
___ Wall material, stud size and spacing, wall sheathing, interior finish, weather barrier, exterior finish, and masonry veneer
___ Floor sheathing
___ Solid blocking
___ Roofing material and sheathing

___ Framing details
*___ Braced wall panel locations, methods, materials, and details for homes that qualify as conventional construction

OR

*___ STRUCTURAL ENGINEER'S STAMP, SIGNATURE, AND DATE ON CALCULATIONS FOR HOMES WITHOUT ADEQUATE BRACED WALL PANELS TO QUALIFY AS CONVENTIONAL CONSTRUCTION AND HOMES OF UNUSUAL SHAPE AND/OR SIZE. (All details indicated by calculations must be clearly shown on an engineer's summary sheet and on the plans, or plan shall be stamped, signed, and dated by the engineer. Plans must show shear walls, hold-downs, etc., as required by engineering.)

___ Grade and species of lumber
___ Size and material of all beams, headers, and columns
___ Rafter size, spacing, spans, and ties and/or truss layout
___ Joist size, spacing, and spans

___ Bearing wall construction
___ Insulation R-factors for walls, attics, and floors over unheated spaces
___ Masonry fireplace and chimney details with reinforcement

ELECTRICAL DETAILS

___ All light and fan locations
___ AFCI's/GCFI's indicated
___ Smoke detector locations

PLUMBING DETAILS

___ Location of all plumbing fixtures including layout for future fixtures
___ Floor drains, water heater, clothes washer and dryer locations

MECHANICAL DETAILS

___ Furnace location
___ Combustion air location
*___ Mechanical sizing information-use attached form

ENERGY ANALYSIS

*___ Energy analysis or completed "Energy Checklist" form (attached) or a RESCheck computer printout

My signature below indicates that I have carefully reviewed the plans and verified that all of the items above have been included. **I understand that failure to provide needed information at this time will delay the processing of my permit.**

*_____ _____
Applicant's Signature Date

*_____ _____
Building Inspection Division Acceptance Date

A "SUMMARY OF COMMON REQUIREMENTS FOR RESIDENTIAL CONSTRUCTION" list is available upon request.

If you need assistance from a Plan Reviewer, please make an appointment so we can spend some time with you to answer questions related to the "summary".

MURRAY CITY

ENERGY CHECKLIST/RESIDENTIAL

If an energy analysis is not provided, this form shall be filled out so we can complete the plan review. All buildings shall comply with the Model Energy Code.

BUILDING COMPONENT	INSULATION VALUE	AREA/PERIMETER
CEILING WITH ATTIC	R-VALUE=_____	_____SQ.FT.
CEILING WITHOUT ATTIC	R-VALUE=_____	_____SQ.FT.
EXTERIOR WALL (less window area)	R-VALUE=_____	_____SQ.FT.
GLAZING (to include basement windows)	U-VALUE=_____	_____SQ.FT.
(If basement walls are insulated)	U-VALUE=_____	_____SQ.FT.
EXTERIOR DOORS	R-VALUE=_____	_____SQ.FT.
FLOORS (over unheated spaces)	R-VALUE=_____	_____SQ.FT.
(over outdoor air)	R-VALUE=_____	_____SQ.FT.
SLABS (not basement)	R-VALUE=_____	_____LIN.FT.
BASEMENT WALLS (if floor over unheated space is not insulated)	R-VALUE=_____	_____LIN.FT.

FURNACE:

MAKE:_____
MODEL:_____
EFFICIENCY RATING:_____

MURRAY CITY BUILDING INSPECTION

4646 S 500 W - MURRAY CITY UT 84123
(801) 270-2431 - (801) 270-2414 (Fax)

MECHANICAL SIZING INFORMATION

PERMIT NUMBER:_____

ADDRESS:_____LOT NUMBER:_____

NAME OF CONTRACTOR/DESIGNER:_____

PHONE NUMBER: (_____)_____ FAX NUMBER: (_____)_____

1. VENT HEIGHT:_____
2. **BOILER OR FURNACE** INPUT RATING: Min.(**Derated***)_____ Max.(Plate Rating)_____
   CONNECTOR RISE:_____ CONNECTOR RUN:_____
   CONNECTOR SIZE:_____
   NO. & DEGREE ELBOWS BEYOND TWO 90°_____
2a. BOILER OR FURNACE #2 INPUT RATING: Min.(**Derated***)_____ Max.(Plate Rating)_____
   CONNECTOR RISE:_____ CONNECTOR RUN:_____
   CONNECTOR SIZE:_____
   NO. & DEGREE ELBOWS BEYOND TWO 90°_____

3. **WATER HEATER** INPUT RATING:_____
   CONNECTOR RISE:_____CONNECTOR RUN:_____
   CONNECTOR SIZE:_____
   NO. & DEGREE ELBOWS BEYOND TWO 90°_____
3a. WATER HEATER #2 INPUT RATING:_____
   CONNECTOR RISE:_____CONNECTOR RUN:_____
   CONNECTOR SIZE:_____
   NO. & DEGREE ELBOWS BEYOND TWO 90°_____

4. TOTAL BTU INPUT OF ALL APPLIANCES:_____
5. COMMON VENT SIZE FOR THE SYSTEM:_____
6. COMBUSTION AIR SIZE (METHOD USED):_____

*** Deration multiplier for Murray area (.83)**

NOTE: IF A MANIFOLD IS USED TO CONNECT THE APPLIANCES ON THE HORIZONTAL IT SHALL BE THE SAME SIZE AS THE VENT

PROVIDE COMPLETE GAS PIPE LAYOUT AND SIZING DETAIL ON REVERSE SIDE.

THIS FORM MUST BE COMPLETED AND APPROVED **SUPPLY TWO COPIES**

TO THE BEST OF MY KNOWLEDGE, I CERTIFY THAT THE INFORMATION CONTAINED WITHIN THIS DOCUMENT IS TRUE AND CORRECT AND MEETS THE REQUIREMENTS OF THE CURRENTLY ADOPTED MECHANICAL CODE

_____
SIGNATURE OF CONTRACTOR/DESIGNER

_____
DATE

ALL APPLIANCES REQUIRED BY MANUFACTURER TO BE DERATED/ALTITUDE ADJUSTED HAVE BEEN/WILL BE COMPLETED.

_____
SIGNATURE OF CONTRACTOR/DESIGNER

_____
DATE